

11/19/15

## McLane Ductile

arrived at 9:20 am; name change.  
explains CBI  
met Eric (worker) ; HEATOR in meeting  
(ATN) (ATN)  
→ back off blast air

Steam from wet cap seal. system. → blow water  
into top of coke bed still smolder.

↓  
back off blast air after last charge. fly ash.  
as molten iron runs down in furnace.

emissions systems run 15-30 min while adding coke.  
then cap opens.

coke bed shoulders w/ ambient air

CD  
failures

5 yrs stack testing on cupola.  
raw material storage.  
waste material storage. bunker.

(TV purposes  
one permit)

Ductile iron pipe ; pole sections → shipped McLane  
18' sections. Pole. &

finish fittings → AL supplies raw fittings before

18' castings  $\phi$  6" - 36" pipe ; pole base 30" ( $\sim$  28")  
- pressurized water pipe (total length 92' tall)  
municipal

- flexible piping River crossing

1/4 always driven by construction season;

Heather joined 9:45 am.

inner wet cap. → move → pull solids out.  
trough system moat.  
↓  
WWF.  
Sludge + lime

← Stack test in May, 2015

- Source source NOSHAP Argo Poultry.
- co - stack testing; permit terms negotiated.
- coating below thresholds
- TV app CSM plans. draft submitted last week.

Cap stays open

"actively melting" → metal + blast air  
interlocks.

emissions  
system  
running +  
wet cap.

M9's fugitives → discharge out of shroud.

every 6 months  
April - Oct. natural charging  
charge bucket pulled by cable.

de-sulf. station from health → doghouse.

275,000 tons/yr metal melted.

continuously ~~against~~ record. <sup>operational</sup> <sub>checks</sub> furnace rated 85 tons/hr.

3-hr avg Δp, flow, temp.; afterburners. CO.

- permanent steel mold. centrifugal casting. 6 machines  
 ↗ shell core sand. barrel ends of pipe. (4) water jacket.  
 no deodorant VOC usage pounds used.  
 solvent) (8) core machine (3) need paint  
 pre-mixed. (5) grandfathered  
 phenol based

- amending over N.G.

Grinding little  
Saw cuts off

Cement lined → interior coating  
water-based coating

small p pipe has little VOC

Finish fittings  
Al supplies.  
(cast fitting.)

→ VOC not control.  
at this location  
coating needed on  
wastewater plant.

sand foundry  
for fittings

CoB 11/30/15

- some control no eff S supply.
- negotiated emission factor  
for SO<sub>2</sub> den.

ZINC coating line → baghouse.  
for pole mfg.  
Idled by 12.

- |   |
|---|
| <input type="checkbox"/> SDS sheets on. HAP<br>coatings                     |
| <input type="checkbox"/> Stack test 2010 May.                               |
| <input type="checkbox"/> Stack test w/ all pollutants.                      |
| <input type="checkbox"/> Daily Checks Sp. Flow, temp.<br>10/1/15 - 11/19/15 |
- VISIBL<sup>E</sup> EMISSIONS  
8 hours, stack.

torched 10:25 am.

★ (16) photos taken; left w/ HOA/PA; CLAIMED AS  
fire ended 11:15 am.

CB1

closing conference

- explained next steps as far.

11:20 a.

11/17/15

McWane Ductile (closed water systems)  
None recently.

Tom KISTLER, Enviro specialist  
mid July

3:30 pm.

HEATHER (An) Enviro monitor  
Nat'l Water Out of office.  
At this time.

one  
does readings

MOTTE iron water pipe

Shutdown going on at end of day.

2:30 - 2:40

- One shift for melt → early 23 - close  
multiple shifts depending on process. || 4-5 days, melts.  
capture system off then capture opens.  
Wet scrubber system.